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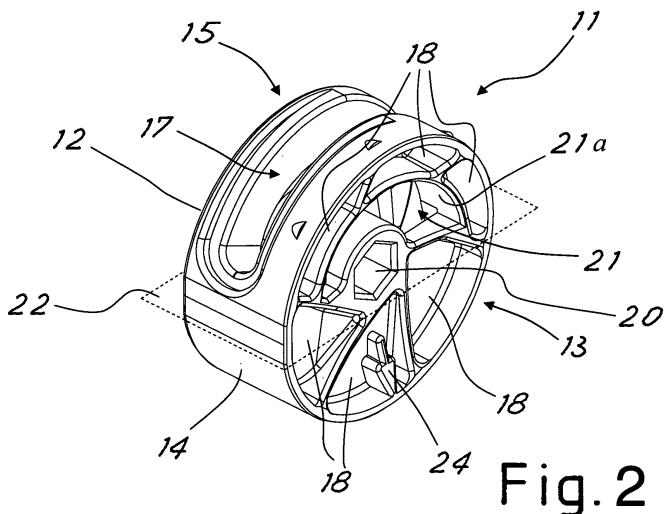
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(54) **DIE for manufacturing an eccentric for connection of furniture parts and eccentric obtained with said DIE**

(57) A die for manufacturing eccentrics for connection of furniture parts, of the type having a substantially cylindrical shape and adapted to be inserted into a seat in a first furniture part, the eccentric (11) having a groove (15) in its side surface (14) for receiving the head of a tie rod connected to a second furniture part to be connected to the first one, the groove (15) having undercuts (19a, 21a) that in use engage the tie rod head to form a radial constraint between tie rod and eccentric so that an axial rotation of the eccentric within the seat into which it is inserted generates a pulling action on the tie rod. The die

comprises two shell halves (25, 26) adapted to open in an opening direction perpendicular to an axis of the eccentric to form at least one moulding impression of an eccentric, each of the two shell halves creating, for each eccentric, such a cavity in the side surface (14) thereof as to form part of said groove (15), the die for each moulding impression comprising only one side carriage (27) movable transversely of the die opening direction in an axial direction relative to the eccentric (11), suitable for forming said undercuts (19a, 21a) in the groove (15) and an axial hole (20) in the eccentric that in use is adapted to receive a tool for rotating the eccentric.





EUROPEAN SEARCH REPORT

Application Number
EP 07 01 3256

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
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			TECHNICAL FIELDS SEARCHED (IPC)
			B22D B29C
The present search report has been drawn up for all claims			
4	Place of search	Date of completion of the search	Examiner
	Munich	26 February 2009	Baumgartner, Robin
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 07 01 3256

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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